

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003263.D
 Acq On : 21 Jul 2020 20:51
 Operator : SY/MD
 Sample : L3344-06
 Misc : 7.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-S2

Quant Time: Jul 22 04:03:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	409873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	642312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	590418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	297901	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	209733	60.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.26%	
35) Dibromofluoromethane	7.72	113	199784	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
50) Toluene-d8	10.18	98	781022	56.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.66%	
62) 4-Bromofluorobenzene	12.48	95	251587	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

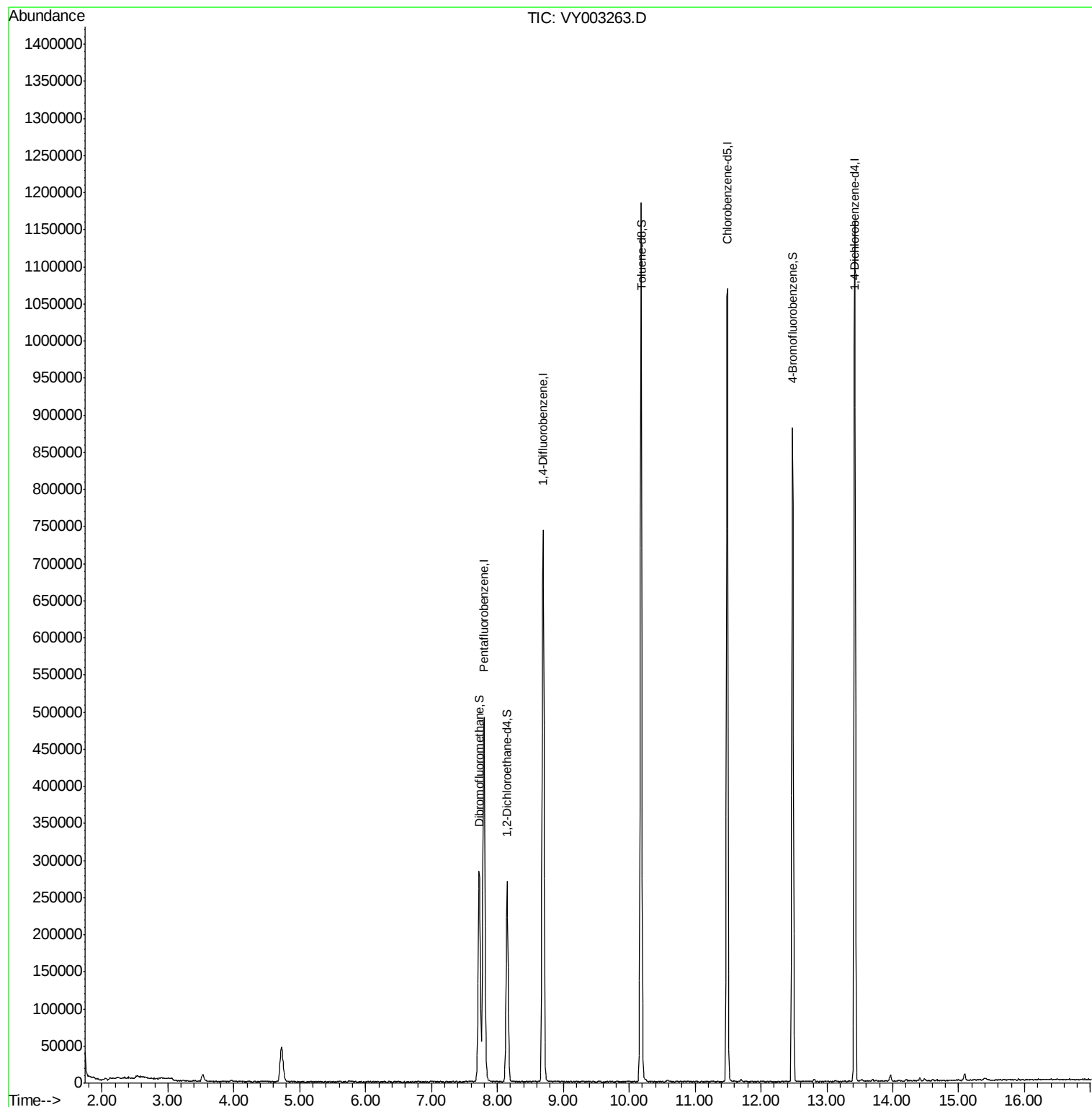
Target Compounds	Qvalue

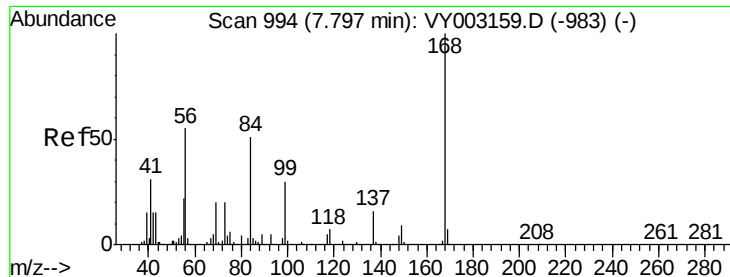
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

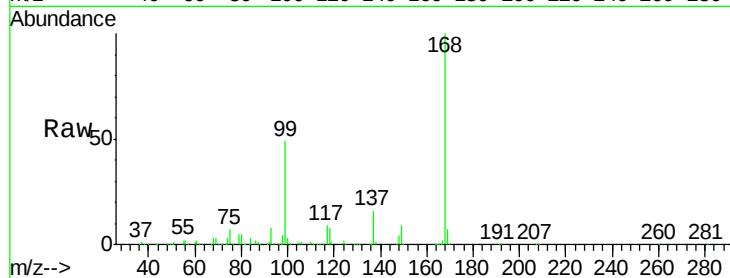
TP-14-S2

Tot Ion:168 Resp: 409873

Ion Ratio Lower Upper

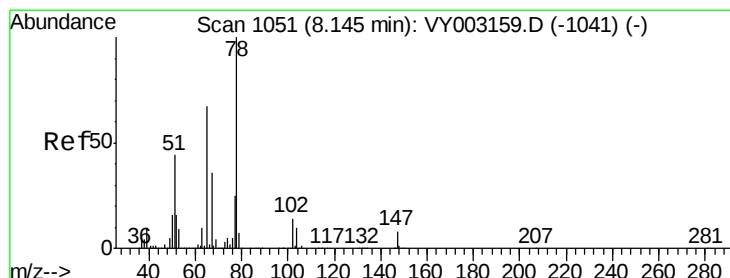
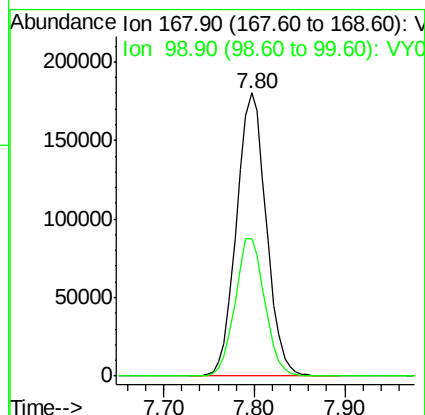
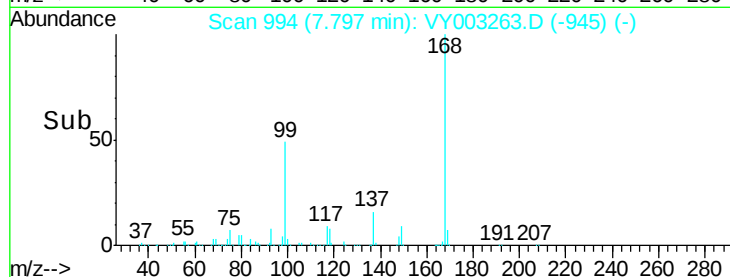
168 100

99 48.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003263.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003263.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 60.626 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003263.D

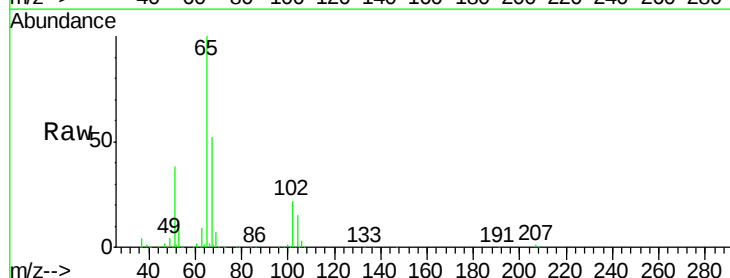
Acq: 21 Jul 2020 20:51

Tgt Ion: 65 Resp: 209733

Ion Ratio Lower Upper

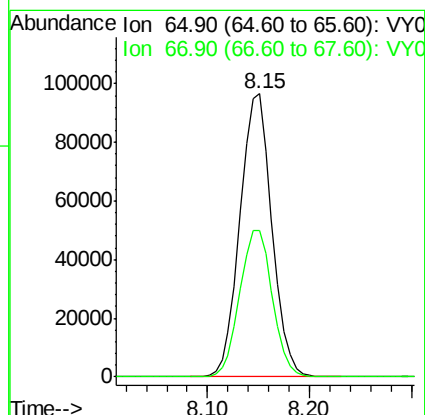
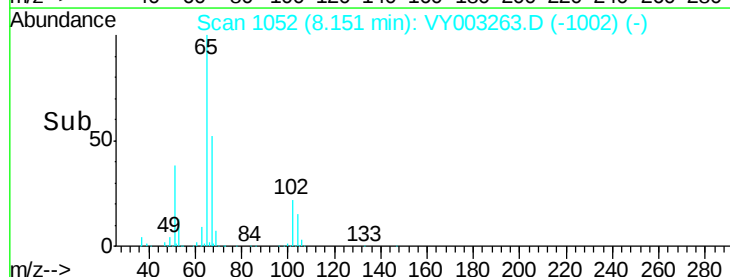
65 100

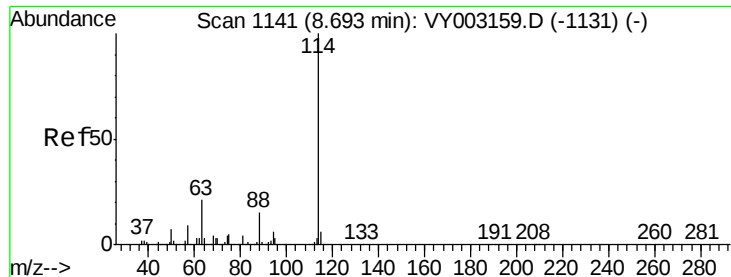
67 53.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003263.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003263.D (-1002) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-14-S2

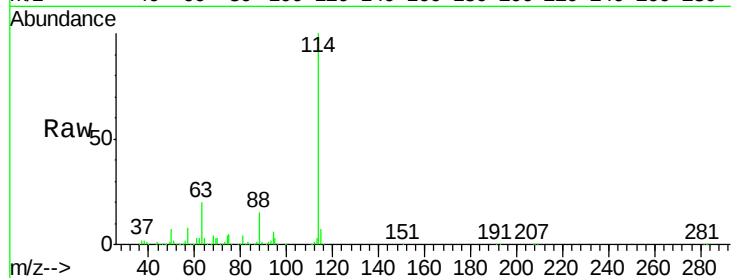
Tot Ion:114 Resp: 642312

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.2

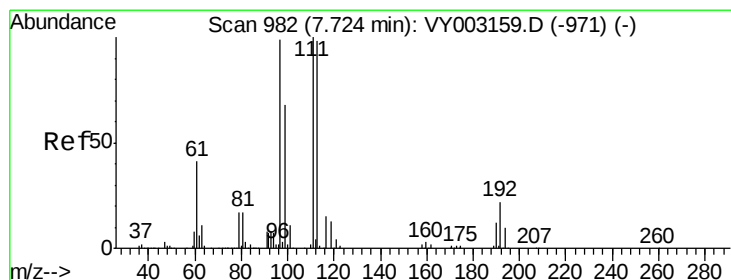
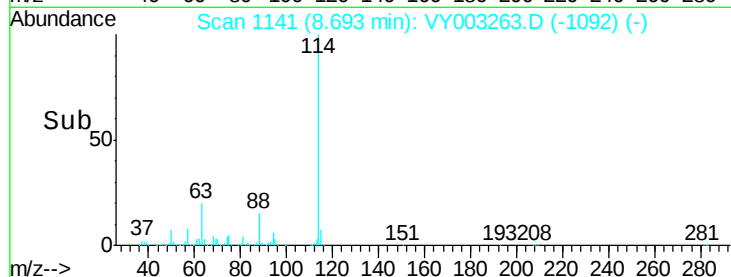
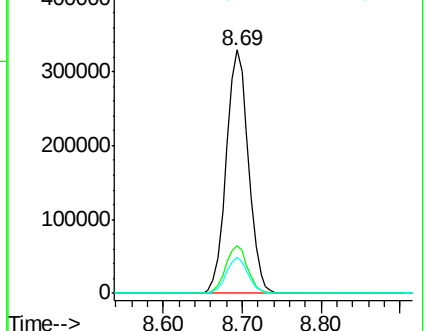
88 15.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 54.049 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

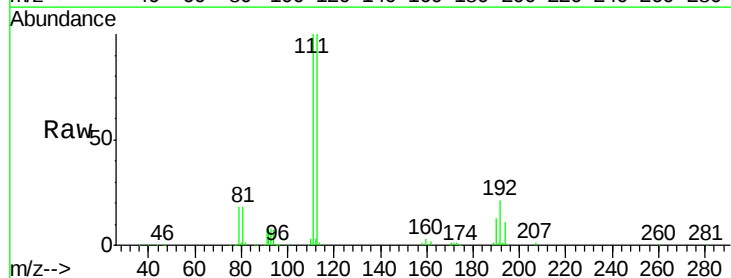
Tgt Ion:113 Resp: 199784

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

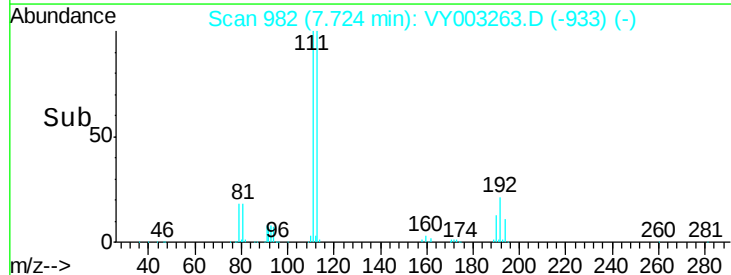
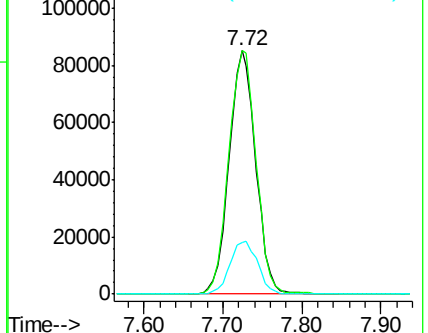
192 22.7 18.8 28.2

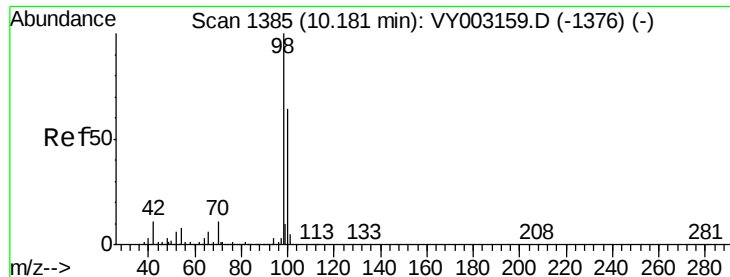


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.833 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

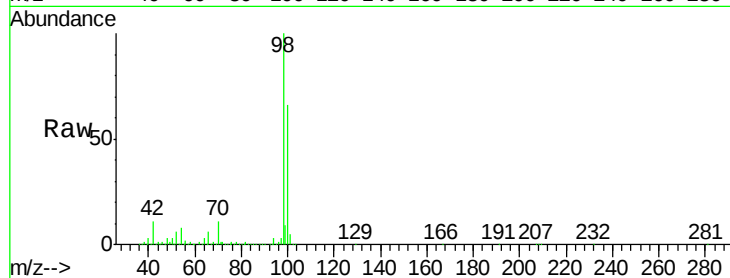
TP-14-S2

Tot Ion: 98 Resp: 781022

Ion Ratio Lower Upper

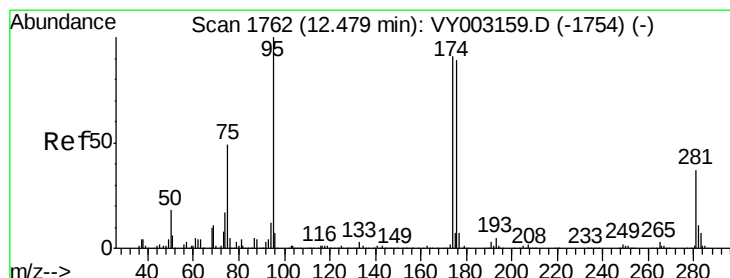
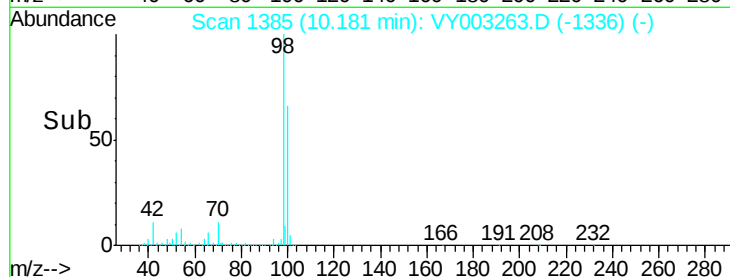
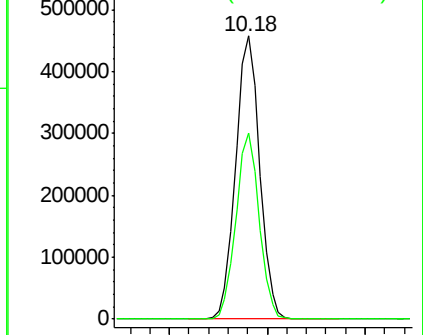
98 100

100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 50.676 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

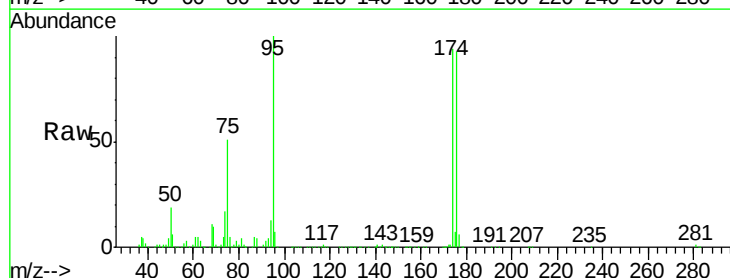
Tgt Ion: 95 Resp: 251587

Ion Ratio Lower Upper

95 100

174 97.5 0.0 190.6

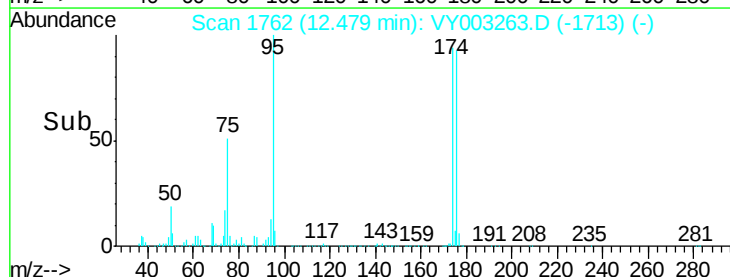
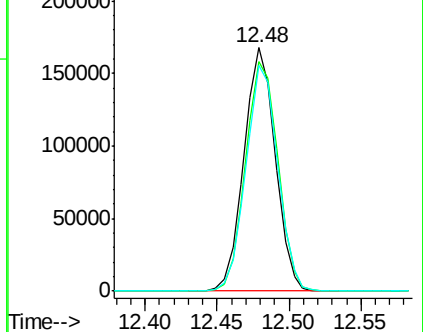
176 94.0 0.0 186.4

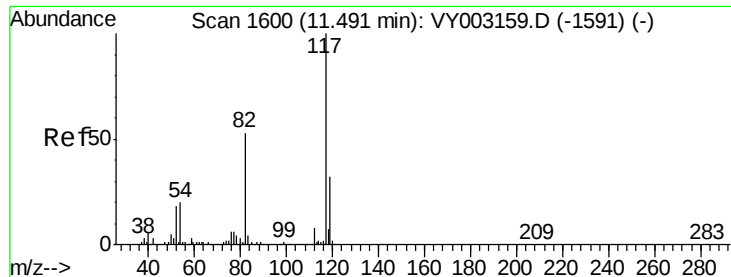


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

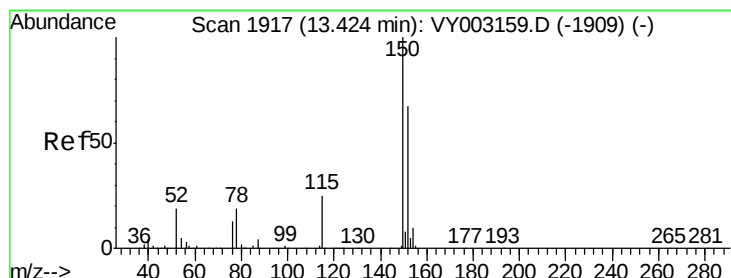
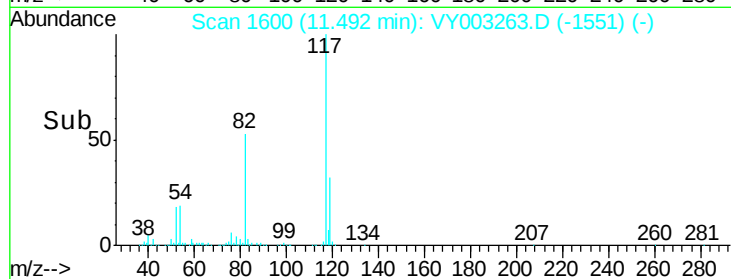
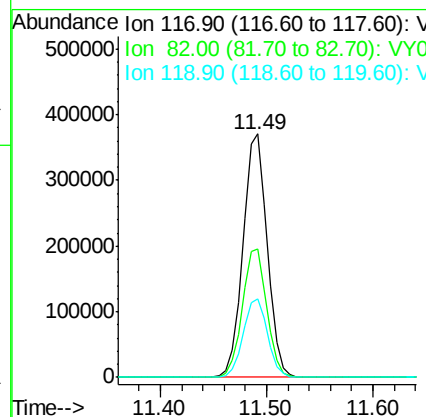
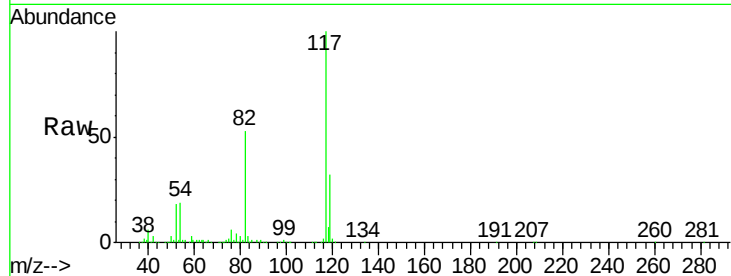




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003263.D
Acq: 21 Jul 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-14-S2

Tot Ion:117 Resp: 590418
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003263.D
Acq: 21 Jul 2020 20:51

Tgt Ion:152 Resp: 297901
Ion Ratio Lower Upper
152 100
115 53.9 26.9 80.7
150 158.1 0.0 338.0

